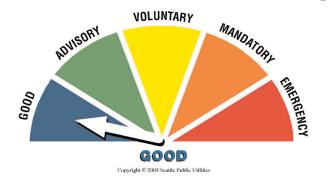




INFORMATION UPDATE FOR WHOLESALE CUSTOMERS

http://www.seattle.gov/util/About\_SPU/News/Newsletters/index.asp



Water consumption for the 7-day period last week averaged approximately 166 mgd. This amount is significantly less than the 220 mgd consumed during the same period last year, and significantly less than the average of 210 mgd used during the same period over the years 1994-2000.

To learn more about saving water, please visit www.savingwater.org.



# Water Supply Outlook

Our water supply situation and outlook is good. Water storage levels in our

mountain reservoirs are good as we move into the summer dry season. Regulated streamflows in both the S.F. Tolt and Cedar rivers downstream of our reservoirs are being held above guaranteed normal levels for this time of the year.

Recent rainy weather caused reservoir inflows and unregulated streams to rise from previously low water levels. Over the last 7 days, we received about 0.3 inches of precipitation in the Cedar River watershed, and 0.3 inches in the South Fork Tolt River watershed.

Chester Morse Lake is down approximately 1.0 feet from last week, and about 2.0 feet above its long-term average (based on the years 1989 to 2004) for this time of the year. The South Fork Tolt Reservoir is down about 1.6 feet from last week, and 1.5 feet below its long-term average. Seattle Wells was run from July 11 to 22, and is now offline.



# Water Quality Technical Forum Report

Chlorine Residual & Coliform Data from June 2005

There were no positive coliform samples in purveyor areas during June 2005. Average chlorine residual concentrations in the purveyor distribution systems ranged from 0.3 to 1.0 mg/L, with an overall average of 0.7 mg/L. The target chlorine residual at the Tolt Treatment facility is 1.5 mg/L and the Cedar target residual is 1.4 mg/L.

### Taste and Odor

The taste and odor panel is meeting every other week. Samples are rated on a scale from 1 to 9, with 1 representing the best and 9 representing the worst. The taste and odor flavor rating assessment (FRA) for the Cedar supply (Lake Youngs treated) samples in June were 1.65 and 2.0, and they were described as slightly chlorinous. The two Tolt supply results were 1.3 and 1.6 with a chlorinous taste. If you would like to receive a weekly update



of the taste and odor panel results, please e-mail Moya Joubert at moya.joubert@seattle.gov.

# Lead and Copper

The second round of lead and copper samples for 2005 will be collected between August 8th and October 14th. The schedule was distributed in May. If you need further information, please contact Lynn Kirby. The target for pH leaving the Tolt Treatment Facility was increased from 8.0 to 8.2 on July 1st. The special study to look at lead levels at homes with previously high results is being conducted between July 25th and August 5th.

#### Wells

One of the Seattle Wells was operated from July 11th to July 22nd. This water was blended with Cedar River water. The maximum flow was 2.0 MGD.

# **Disinfection By-Products**

Results for the second quarter 2005 for TTHMs and HAAs were mailed to purveyors by July 11th. All results were well below the MCLs of 80 and 60 ug/L, respectively. Third quarter samples will be collected at the end of August.

SPU Contact: Wylie Harper, 206 684-7880 or Lynn Kirby, 206 684-0216.



On the web at http://www.savingwater.org

## An update on water conservation

The regional 1% Water Conservation Program (1% Program) was initiated in 2000 and is sponsored by the Saving Water Partnership (SWP). This Partnership includes the City of Seattle and a group of 17 utilities purchasing wholesale water from the City of Seattle. The City of Seattle administers the 1% Program in

collaboration with these utilities, under terms of long-term water supply contracts.

The long-term goal of the 1% Program is to keep water demand by the end of 2010 at the same level as it was in 1999, despite growth in population and economic activity. To achieve this goal, based on the forecasted growth rates at the time of Program initiation, three specific target objectives were developed to monitor progress:

- Reduce annual per capita consumption 1% per year from 2000 to 2010;
- Achieve a total programmatic conservation savings of 14.5 million gallons per day (MGD) peak season savings (11.0 MGD annual average) in the ten years from 2000 to 2010;
- Achieve annual programmatic conservation savings targets. The target was 1.2 MGD peak season savings (0.9 MGD annual average) in 2004.

In 2004, the region continued to make good cumulative progress in reducing per capita water demands. Total cumulative regional water savings of the 1% Program since its inception is very close to target. Per capita demands continue to track lower than target, due to a combination of 1% Program savings, changing demographics and economy, and other long-term water savings produced from rates, codes, water system efficiencies, and Seattle's low-income water conservation programs.

Although not part of or funded by the 1% Program, Seattle Public Utilities continues to implement a Seattle Direct Service Water Conservation Program to accelerate water savings and assist low income residents inside the city limits. In many ways this Program complements the 1% Program, since greater incentives and more



community based marketing can be accomplished, resulting in greater savings. During Phase One 11,027 low-income housing units in Seattle were upgraded with efficient plumbing products. Phase Two will begin in 2005 and target approximately 18,000 additional low-income units through 2010. The goal in 2005 is to reach nearly 8,000 homeowner/utility assistance recipient households with details of free or reduced cost conservation assistance. Program partners currently include community based non-profit Senior Services of Seattle King County, Seattle Human Services Department, and other local community based organizations.



# UW Consolidated Laundry Wins 2005 BEST Award for Water Conservation

The Resource Venture and its program partners showcased eleven organizations at the 4th Annual BEST Awards Ceremony on June 9, 2005. The BEST (Businesses for an Environmentally Sustainable Tomorrow) Awards celebrate notable "green" achievements by organizations in the Greater Seattle area. This year's water conservation winner was **University of**Washington Consolidated Laundry (UWCL).

Here are just a few of the highlights:

- In order to reduce water consumption by up to 60%, UWCL purchased and installed the AquaRecycle Laundry Water Recycle System. The system uses natural earth media to filter contaminants from the laundry wastewater including lint, chemicals, organics, oil and grease. Disinfection of the recycled water is accomplished with a very effective combination of ozone and ultraviolet disinfection. The clean water is returned to the washers for reuse in both hot and cold water supply.
- The 250 gallon-per-minute AquaRecycle System was designed to save Consolidated Laundry nearly 1.5 million gallons of water per month or approximately 18 million gallons per year. Water and energy savings are projected at a quarter of a million dollars annually.
- By partnering with the Saving Water
  Partnership and Puget Sound Energy, UWCL
  received more than \$363,000 for the cost of
  equipment and implementation of the project.
  This amount equaled more than 58% of the
  total cost of the project.

In addition to UW Consolidated Laundry, other 2005 BEST Awards winners (including a few with water-saving initiatives) include:

- Waste Prevention & Recycling Foster Pepper
   Shefelman PLLC and Granum, Inc.
- Energy Conservation **AMGEN Inc**.
- Stormwater Pollution Prevention Immaculate Window Cleaning
- Sustainable Building Seattle Biomedical Research Institute (SBRI), Vulcan Inc., CollinsWoerman and Lease Crutcher Lewis for the new SBRI Building (307 Westlake)



- Innovation Sunshine Construction
- Environmental Leadership (the top award) –
   University of Washington, Facilities Services with the Capital Projects Office

For more detailed information about the winners' practices, visit

www.resourceventure.org/rv/services/awards-and-rec/best/2005-winners/index.php. To learn what local businesses can do to compete for next year's Awards, call the Resource Venture at (206) 389-7304 or email us at help@resourceventure.org.

BEST Awards program partners include:

- **■** Resource Venture
- Greater Seattle Chamber of Commerce
- Seattle Public Utilities
- Seattle City Light
- Puget Sound Energy
- Area water utilities in the Saving Water
- Partnership



Lisa Espinosa, Wholesale Contracts Manager Seattle Public Utilities, Customer Service Branch 700 Fifth Avenue, Suite 2777 PO Box 34027 Seattle, WA 98124-4027

For name or address changes or corrections, please contact Lisa Espinosa at (206) 684-7936 or Lisa. Espinosa@Seattle. Gov